

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/691,330  
Source: IFW9  
Date Processed by STIC: 11/9/04

# ***ENTERED***



IFWO

RAW SEQUENCE LISTING                      DATE: 11/09/2004  
 PATENT APPLICATION:    US/10/691,330              TIME: 11:03:22

Input Set : A:\Sequence.List.txt  
 Output Set: N:\CRF4\11092004\J691330.raw

3 <110> APPLICANT: Boldogh, Istvan  
 4        Stanton, G. John  
 5        Georgiades, Jerzy A.  
 6        Hughes, Thomas K., Jr.  
 7        Kruzel, Marian  
 9 <120> TITLE OF INVENTION: USE OF COLOSTRININ, CONSTITUENT PEPTIDES THEREOF, AND  
 ANALOGS  
 10        THEREOF AS INHIBITORS OF APOPTOSIS AND OTHER CELLULAR DAMAGE  
 12 <130> FILE REFERENCE: 265.00390101  
 14 <140> CURRENT APPLICATION NUMBER: 10/691,330  
 15 <141> CURRENT FILING DATE: 2003-10-22  
 17 <150> PRIOR APPLICATION NUMBER: US 60/420,369  
 18 <151> PRIOR FILING DATE: 2002-10-22  
 20 <160> NUMBER OF SEQ ID NOS: 34  
 22 <170> SOFTWARE: PatentIn version 3.2  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 7  
 26 <212> TYPE: PRT  
 27 <213> ORGANISM: artificial  
 29 <220> FEATURE:  
 30 <223> OTHER INFORMATION: Synthetic Peptides  
 32 <400> SEQUENCE: 1  
 34 Met Gln Pro Pro Pro Leu Pro  
 35 1                      5  
 38 <210> SEQ ID NO: 2  
 39 <211> LENGTH: 17  
 40 <212> TYPE: PRT  
 41 <213> ORGANISM: artificial  
 43 <220> FEATURE:  
 44 <223> OTHER INFORMATION: Synthetic Peptides  
 46 <400> SEQUENCE: 2  
 48 Leu Gln Thr Pro Gln Pro Leu Leu Gln Val Met Met Glu Pro Gln Gly  
 49 1                      5                      10                      15  
 52 Asp  
 56 <210> SEQ ID NO: 3  
 57 <211> LENGTH: 18  
 58 <212> TYPE: PRT  
 59 <213> ORGANISM: artificial  
 61 <220> FEATURE:  
 62 <223> OTHER INFORMATION: Synthetic Peptides  
 64 <400> SEQUENCE: 3  
 66 Asp Gln Pro Pro Asp Val Glu Lys Pro Asp Leu Gln Pro Phe Gln Val  
 67 1                      5                      10                      15  
 70 Gln Ser

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/691,330

DATE: 11/09/2004

TIME: 11:03:22

Input Set : A:\Sequence.List.txt

Output Set: N:\CRF4\11092004\J691330.raw

```

74 <210> SEQ ID NO: 4
75 <211> LENGTH: 12
76 <212> TYPE: PRT
77 <213> ORGANISM: artificial
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Synthetic Peptides
82 <400> SEQUENCE: 4
84 Leu Phe Phe Phe Leu Pro Val Val Asn Val Leu Pro
85 1 5 10
88 <210> SEQ ID NO: 5
89 <211> LENGTH: 15
90 <212> TYPE: PRT
91 <213> ORGANISM: artificial
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Synthetic Peptides
96 <400> SEQUENCE: 5
98 Asp Leu Glu Met Pro Val Leu Pro Val Glu Pro Phe Pro Phe Val
99 1 5 10 15
102 <210> SEQ ID NO: 6
103 <211> LENGTH: 11
104 <212> TYPE: PRT
105 <213> ORGANISM: artificial
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Synthetic Peptides
110 <400> SEQUENCE: 6
112 Met Pro Gln Asn Phe Tyr Lys Leu Pro Gln Met
113 1 5 10
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 15
118 <212> TYPE: PRT
119 <213> ORGANISM: artificial
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Synthetic Peptides
124 <400> SEQUENCE: 7
126 Val Leu Glu Met Lys Phe Pro Pro Pro Pro Gln Glu Thr Val Thr
127 1 5 10 15
130 <210> SEQ ID NO: 8
131 <211> LENGTH: 15
132 <212> TYPE: PRT
133 <213> ORGANISM: artificial
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Synthetic Peptides
138 <400> SEQUENCE: 8
140 Leu Lys Pro Phe Pro Lys Leu Lys Val Glu Val Phe Pro Phe Pro
141 1 5 10 15
144 <210> SEQ ID NO: 9
145 <211> LENGTH: 5
146 <212> TYPE: PRT
147 <213> ORGANISM: artificial

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/691,330

DATE: 11/09/2004

TIME: 11:03:22

Input Set : A:\Sequence.List.txt

Output Set: N:\CRF4\11092004\J691330.raw

149 <220> FEATURE:  
150 <223> OTHER INFORMATION: Synthetic Peptides  
152 <400> SEQUENCE: 9  
154 Val Val Met Glu Val  
155 1 5  
158 <210> SEQ ID NO: 10  
159 <211> LENGTH: 4  
160 <212> TYPE: PRT  
161 <213> ORGANISM: artificial  
163 <220> FEATURE:  
164 <223> OTHER INFORMATION: Synthetic Peptides  
166 <400> SEQUENCE: 10  
168 Ser Glu Gln Pro  
169 1  
172 <210> SEQ ID NO: 11  
173 <211> LENGTH: 3  
174 <212> TYPE: PRT  
175 <213> ORGANISM: artificial  
177 <220> FEATURE:  
178 <223> OTHER INFORMATION: Synthetic Peptides  
180 <400> SEQUENCE: 11  
182 Asp Lys Glu  
183 1  
186 <210> SEQ ID NO: 12  
187 <211> LENGTH: 5  
188 <212> TYPE: PRT  
189 <213> ORGANISM: artificial  
191 <220> FEATURE:  
192 <223> OTHER INFORMATION: Synthetic Peptides  
194 <400> SEQUENCE: 12  
196 Phe Pro Pro Pro Lys  
197 1 5  
200 <210> SEQ ID NO: 13  
201 <211> LENGTH: 6  
202 <212> TYPE: PRT  
203 <213> ORGANISM: artificial  
205 <220> FEATURE:  
206 <223> OTHER INFORMATION: Synthetic Peptides  
208 <400> SEQUENCE: 13  
210 Asp Ser Gln Pro Pro Val  
211 1 5  
214 <210> SEQ ID NO: 14  
215 <211> LENGTH: 7  
216 <212> TYPE: PRT  
217 <213> ORGANISM: artificial  
219 <220> FEATURE:  
220 <223> OTHER INFORMATION: Synthetic Peptides  
222 <400> SEQUENCE: 14  
224 Asp Pro Pro Pro Pro Gln Ser

## RAW SEQUENCE LISTING

DATE: 11/09/2004

PATENT APPLICATION: US/10/691,330

TIME: 11:03:22

Input Set : A:\Sequence.List.txt

Output Set: N:\CRF4\11092004\J691330.raw

225 1 5  
228 <210> SEQ ID NO: 15  
229 <211> LENGTH: 5  
230 <212> TYPE: PRT  
231 <213> ORGANISM: artificial  
233 <220> FEATURE:  
234 <223> OTHER INFORMATION: Synthetic Peptides  
236 <400> SEQUENCE: 15  
238 Ser Glu Glu Met Pro  
239 1 5  
242 <210> SEQ ID NO: 16  
243 <211> LENGTH: 7  
244 <212> TYPE: PRT  
245 <213> ORGANISM: artificial  
247 <220> FEATURE:  
248 <223> OTHER INFORMATION: Synthetic Peptides  
250 <400> SEQUENCE: 16  
252 Lys Tyr Lys Leu Gln Pro Glu  
253 1 5  
256 <210> SEQ ID NO: 17  
257 <211> LENGTH: 7  
258 <212> TYPE: PRT  
259 <213> ORGANISM: artificial  
261 <220> FEATURE:  
262 <223> OTHER INFORMATION: Synthetic Peptides  
264 <400> SEQUENCE: 17  
266 Val Leu Pro Pro Asn Val Gly  
267 1 5  
270 <210> SEQ ID NO: 18  
271 <211> LENGTH: 10  
272 <212> TYPE: PRT  
273 <213> ORGANISM: artificial  
275 <220> FEATURE:  
276 <223> OTHER INFORMATION: Synthetic Peptides  
278 <400> SEQUENCE: 18  
280 Val Tyr Pro Phe Thr Gly Pro Ile Pro Asn  
281 1 5 10  
284 <210> SEQ ID NO: 19  
285 <211> LENGTH: 9  
286 <212> TYPE: PRT  
287 <213> ORGANISM: artificial  
289 <220> FEATURE:  
290 <223> OTHER INFORMATION: Synthetic Peptides  
292 <400> SEQUENCE: 19  
294 Ser Leu Pro Gln Asn Ile Leu Pro Leu  
295 1 5  
298 <210> SEQ ID NO: 20  
299 <211> LENGTH: 10  
300 <212> TYPE: PRT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/691,330

DATE: 11/09/2004

TIME: 11:03:22

Input Set : A:\Sequence.List.txt

Output Set: N:\CRF4\11092004\J691330.raw

301 <213> ORGANISM: artificial  
303 <220> FEATURE:  
304 <223> OTHER INFORMATION: Synthetic Peptides  
306 <400> SEQUENCE: 20  
308 Thr Gln Thr Pro Val Val Val Pro Pro Phe  
309 1 5 10  
312 <210> SEQ ID NO: 21  
313 <211> LENGTH: 18  
314 <212> TYPE: PRT  
315 <213> ORGANISM: artificial  
317 <220> FEATURE:  
318 <223> OTHER INFORMATION: Synthetic Peptides  
320 <400> SEQUENCE: 21  
322 Leu Gln Pro Glu Ile Met Gly Val Pro Lys Val Lys Glu Thr Met Val  
323 1 5 10 15  
326 Pro Lys  
330 <210> SEQ ID NO: 22  
331 <211> LENGTH: 18  
332 <212> TYPE: PRT  
333 <213> ORGANISM: artificial  
335 <220> FEATURE:  
336 <223> OTHER INFORMATION: Synthetic Peptides  
338 <400> SEQUENCE: 22  
340 His Lys Glu Met Pro Phe Pro Lys Tyr Pro Val Glu Pro Phe Thr Glu  
341 1 5 10 15  
344 Ser Gln  
348 <210> SEQ ID NO: 23  
349 <211> LENGTH: 18  
350 <212> TYPE: PRT  
351 <213> ORGANISM: artificial  
353 <220> FEATURE:  
354 <223> OTHER INFORMATION: Synthetic Peptides  
356 <400> SEQUENCE: 23  
358 Ser Leu Thr Leu Thr Asp Val Glu Lys Leu His Leu Pro Leu Pro Leu  
359 1 5 10 15  
362 Val Gln  
366 <210> SEQ ID NO: 24  
367 <211> LENGTH: 7  
368 <212> TYPE: PRT  
369 <213> ORGANISM: artificial  
371 <220> FEATURE:  
372 <223> OTHER INFORMATION: Synthetic Peptides  
374 <400> SEQUENCE: 24  
376 Ser Trp Met His Gln Pro Pro  
377 1 5  
380 <210> SEQ ID NO: 25  
381 <211> LENGTH: 10  
382 <212> TYPE: PRT  
383 <213> ORGANISM: artificial

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 11/09/2004  
PATENT APPLICATION: US/10/691,330      TIME: 11:03:23

Input Set : A:\Sequence.List.txt  
Output Set: N:\CRF4\11092004\J691330.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27  
Seq#:28,29,30,31,32,33,34

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/691,330

DATE: 11/09/2004

TIME: 11:03:23

Input Set : A:\Sequence.List.txt

Output Set: N:\CRF4\11092004\J691330.raw